REFERENCE INDEX

AKTU Subject Code Master Index

Every subject code with a previous-year question paper on record — across five programmes, 2020-21 to 2025-26. Compiled from ryzenstudy.com.

702
subject codes

6
sessions covered

5
programmes

Compiled by **Rajan Nishad** · ryzenstudy.com

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About this index

Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow — formerly Uttar Pradesh Technical University (UPTU) — identifies every subject by a short alphanumeric code. Students search by that code far more often than by subject name, but no consolidated public list of the codes exists.

This document lists **702 subject codes** for which at least one previous-year question paper is on record, grouped by programme and semester. Beside each code is the set of examination sessions available for it.

> **What this is not.** This is an index of codes, not a collection of question papers. The papers themselves are free to download at ryzenstudy.com/aktu-previous-year-paper — no account, no charge.

Reading a code

A code carries three pieces of information: a letter prefix identifying the department or category, a digit for the semester, and a serial number. **BCS401** is a Computer Science subject in the fourth semester; **BAS103** is Applied Science in the first.

The dataset shows a clear split between two numbering generations. Codes beginning with **K** dominate the 2021-22 to 2023-24 sessions and have all but disappeared by 2025-26; codes beginning with **B** grow steadily across the same window and now account for most current papers. A subject can therefore appear under both a K-code and a B-code depending on which session you are looking at.

Most common B.Tech prefixes in this index

KOE 58 · KCS 40 · BOE 39 · KEE 36 · KEC 34 · KME 33 · KCE 33 · BCS 29 · BEC 28 · BEE 24 · BME 22 · BAS 18

> **One code, several papers.** AKTU issues the same subject under different codes for different branches. Deep Learning in the seventh semester appears as KCS078 for Computer Science, KDS078 for the Data Science branch, and KOT076 as an open elective — three genuinely different question papers. Check the code, not only the subject name.

Coverage by programme

PROGRAMME	SUBJECT CODES
Bachelor of Technology (B.Tech)	541
Bachelor of Pharmacy (B.Pharm)	52
Master of Computer Applications (MCA)	60
Bachelor of Computer Applications (BCA)	23
Bachelor of Business Administration (BBA)	28

Sessions in this index: 2020-21 · 2021-22 · 2022-23 · 2023-24 · 2024-25 · 2025-26. Coverage is uneven by design — core first-year subjects carry the most sessions, recently introduced electives the fewest. Compiled 22 August 2026.

B.Tech — Bachelor of Technology

541 codes

Semester 1 20

CODE	SUBJECT	SESSIONS AVAILABLE
BAS101	Engineering Physics	22-23, 23-24, 24-25, 25-26
BAS102	Engineering Chemistry	22-23, 23-24, 24-25, 25-26
BAS103	Engineering Mathematics I	22-23, 23-24, 24-25, 25-26
BAS104	Environment and Ecology	22-23, 23-24, 24-25, 25-26
BAS105	Soft Skills	22-23, 23-24, 24-25, 25-26
BCS101	Programming for Problem Solving	22-23, 23-24, 24-25, 25-26
BEC101	Fundamentals of Electronics Engineering	22-23, 23-24, 24-25, 25-26
BEE101	Fundamentals of Electrical Engineering	22-23, 23-24, 24-25, 25-26
BME101	Fundamentals of Mechanical Engineering	22-23, 23-24, 24-25, 25-26
KAS101T	Engineering Physics	21-22
KAS102T	Engineering Chemistry	21-22
KAS103T	Engineering Mathematics I	21-22
KCS101T	Programming for Problem Solving	21-22
KEC101T	Emerging Domain in Electronics Engineering	21-22
KEE101T	Basic of Electrical Engineering	21-22
KMC101	Artificial Intelligence for Engineers	21-22
KMC102	Emerging Technology for Engineering	21-22
KME101T	Fundamentals of Mechanical Engineering Mechatronics	21-22
KNC101	Soft Skills I	21-22
UHV	uhv	23-24, 24-25

Semester 2 20

CODE	SUBJECT	SESSIONS AVAILABLE
AUC001	Human Values Professional Ethics	22-23
BAS201	Engineering Physics	22-23, 23-24, 24-25
BAS202	Engineering Chemistry	22-23, 23-24, 24-25
BAS203	Engineering Mathematics II	22-23, 23-24, 24-25
BAS204	Environment and Ecology	22-23, 23-24, 24-25
BAS205	Soft Skills	22-23, 23-24, 24-25
BCS201	Programming for Problem Solving	22-23, 23-24, 24-25
BEC201	Fundamentals of Electronics Engineering	22-23, 23-24, 24-25
BEE201	Fundamentals of Electrical Engineering	22-23, 23-24, 24-25
BME201	Fundamentals of Mechanical Engineering	22-23, 23-24, 24-25
KAS201T	Engineering Physics	21-22

CODE	SUBJECT	SESSIONS AVAILABLE
KAS202T	Engineering Chemistry	21-22
KAS203T	Engineering Mathematics II	21-22
KCS201T	Programming for Problem Solving	21-22
KEC201T	Emerging Domain in Electronics Engineering	21-22
KEE201T	Basic Electrical Engineering	21-22
KMC201	Ai for Engineering	21-22
KMC202	Emerging Technology for Engineering	21-22
KME201T	Fundamentals of Mechanical Engineering Mechatronics	21-22
KNC201	Soft Skill II	21-22

Semester 3 67

CODE	SUBJECT	SESSIONS AVAILABLE
AUC001	Human Values Professional Ethics	21-22
BAS301	Technical Communication	23-24, 24-25, 25-26
BAS302	Mathematics III	23-24
BAS303	Mathematics IV	23-24, 24-25, 25-26
BAS304	Mathematics V	25-26
BCC301	Cyber Security	23-24, 24-25, 25-26
BCC302	Python Programming	23-24, 24-25, 25-26
BCE301	Engineering Mechanics	23-24
BCE302	Surveying and Geomatics	23-24
BCE303	Fluid Mechanics	23-24
BCS301	Data Structure	23-24, 24-25, 25-26
BCS302	Computer Organization and Architecture	23-24, 24-25, 25-26
BCS303	Discrete Structures Theory of Logic	23-24, 24-25, 25-26
BEC301	Electronic Devices	23-24, 25-26
BEC302	Digital System Design	23-24, 25-26
BEC303	Network Analysis and Synthesis	23-24, 25-26
BEE301	Electromagnetic Field Theory	23-24
BEE302	Electrical Measurements Instrumentation	23-24, 24-25
BEE303	Basic Signals Systems	23-24, 25-26
BME301	Thermodynamics	23-24, 25-26
BME302	Fluid Mechanics Fluid Machines	23-24, 25-26
BME303	Materials Engineering	23-24, 25-26
BOE301	Electric and Hybrid Vehicles	23-24, 24-25
BOE302	Automation and Robotics	23-24, 24-25
BOE303	Material Science	23-24, 24-25
BOE304	Energy Science Engineering	23-24, 24-25, 25-26

CODE	SUBJECT	SESSIONS AVAILABLE
BOE305	Sensor Instrumentation	23-24, 24-25, 25-26
BOE306	Basics Data Structure Algorithms	23-24, 24-25
BOE307	Basics of Database Management Systems	23-24, 24-25
BOE308	Analog Electronics Circuits	23-24
BOE309	Electronics Engineering	23-24
BOE310	Digital Electronics	24-25, 25-26
BOE312H	Laser System and Applications	24-25
BOE313	Food Science and Nutrition	24-25
BOE314	Building Science and Engineering	24-25
BVE301	Universal Human Values and Professional Ethics	23-24, 24-25, 25-26
KAS301	Technical Communication	21-22, 22-23
KAS302	Mathemativs IV	21-22, 22-23
KAS303	Mathematics III	21-22, 22-23
KAS304	Mathemativs V	21-22, 22-23
KCE301	Engineering Mechanics	21-22, 22-23
KCE302	Surveying and Geometics	21-22, 22-23
KCE303	Fluid Mechanics	21-22, 22-23
KCS301	Data Structure	21-22, 22-23
KCS302	Computer Organization and Architecture	21-22, 22-23
KCS303	Discrete Structures Theory of Logic	21-22, 22-23
KEC301	Electronic Devices	21-22, 22-23
KEC302	Digital System Design	21-22, 22-23
KEC303	Network Analysis Synthesis	22-23
KEE301	Electromagnetic Field Theory	21-22, 22-23, 24-25
KEE302	Electrical Measurements Instrumentation	22-23
KEE303	Basic Signals Systems	22-23
KME301	Thermodynamics	21-22, 22-23
KME302	Fluid Mechanics Fluid Machines	21-22, 22-23
KME303	Materials Engineering	21-22, 22-23
KNC301	Computer System Security	21-22, 22-23
KNC302	Python Programming	21-22, 22-23
KOE031	Engineering Mechanics	21-22, 22-23
KOE032	Material Science	21-22, 22-23
KOE033	Energy Science and Engineering	21-22, 22-23
KOE034	Sensor and Instrumentation	21-22, 22-23
KOE035	Basic Data Structure Algorithms	21-22, 22-23
KOE036	Introduction to Soft Computing	21-22, 22-23
KOE037	Analog Electronics	21-22, 22-23

CODE	SUBJECT	SESSIONS AVAILABLE
KOE038	Electronics Engineering	21-22, 22-23
KOE039	Digital Electronics	21-22, 22-23
KVE301	Universal Human Values	21-22, 22-23

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CODE	SUBJECT	SESSIONS AVAILABLE
BAS401	Technical Communication	23-24, 24-25, 25-26
BAS402	Mathematics III	23-24, 25-26
BAS403	Mathematics –IV	23-24, 24-25, 25-26
BAS404	Mathematics V	23-24, 25-26
BCC401	Cyber Security	23-24, 24-25, 25-26
BCC402	Python Programming	24-25, 25-26
BCE401	Materials Testing Construction Practices	23-24, 24-25
BCE402	Introduction to Solid Mechanics	23-24, 24-25
BCE403	Hydraulic Engineering and Machines	23-24, 24-25
BCS401	Operating System	23-24, 24-25, 25-26
BCS402	Theory of Automata and Formal Languages	23-24, 24-25, 25-26
BCS403	Object Oriented Programming with Java	23-24, 24-25, 25-26
BCS409	Design and Analysis of Algorithm	23-24, 25-26
BEC401	Communication Engineering	23-24, 24-25, 25-26
BEC402	Analog Circuits	23-24, 24-25, 25-26
BEC403	Signal System	23-24, 24-25, 25-26
BEE401	Digital Electronics	23-24, 24-25, 25-26
BEE402	Electrical Machines I	23-24, 24-25, 25-26
BEE403	Networks Analysis Synthesis	23-24, 24-25, 25-26
BME401	Applied Thermodynamics	23-24, 24-25, 25-26
BME402	Engineering Mechanics Strength Material	23-24, 24-25, 25-26
BME403	Manufacturing Processes	23-24, 24-25, 25-26
BOE401	Electric and Hybrid Vehicles	23-24, 24-25, 25-26
BOE402	Automation and Robotics	23-24, 24-25, 25-26
BOE403	Material Science	23-24, 24-25, 25-26
BOE404	Energy Science Engineering	23-24, 24-25, 25-26
BOE405	Sensor Instrumentation	23-24, 24-25, 25-26
BOE406	Basics Data Structure Algorithms	23-24, 24-25, 25-26
BOE407	Basics of Database Management Systems	23-24, 24-25, 25-26
BOE408	Analog Electronics Circuits	23-24, 24-25, 25-26
BOE409	Electronics Engineering	23-24, 24-25, 25-26
BOE410	Digital Electronics	24-25, 25-26

CODE	SUBJECT	SESSIONS AVAILABLE
BOE411	Polymer Science and Technology	24-25, 25-26
BOE412	Laser System and Applications	24-25, 25-26
BOE413	Food Science and Nutrition	24-25, 25-26
BOE414	Building Science and Engineering	24-25, 25-26
BVE401	Universal Human Values Professional Ethics	23-24, 24-25, 25-26
KAS401	Technical Communication	21-22, 22-23
KAS402	Maths IV	21-22, 22-23
KAS403	Maths III	21-22, 22-23
KAS404	Mathematics V	22-23
KCE401	Materials Testing Construction Practices	21-22, 22-23
KCE402	Introduction to Solid Mechanics	21-22, 22-23
KCE403	Hydraulic Engineering Machines	21-22, 22-23
KCS401	Operating Systems	21-22, 22-23
KCS402	Theory of Automata and Formal Languages	21-22, 22-23
KCS403	Microprocessor	21-22, 22-23
KEC401	Communication Engineering	21-22, 22-23
KEC402	Analog Circuits	21-22, 22-23
KEC403	Signal System	21-22, 22-23
KEE302	Electrical Measurements Instrumentation	21-22, 24-25
KEE401	Digital Electronics	21-22, 22-23
KEE402	Electrical Machines I	21-22, 22-23
KEE403	Networks Analysis Synthesis	21-22, 22-23
KIT401	Web Designing	21-22, 22-23
KME401	Applied Thermodynamics	21-22, 22-23
KME402	Engineering Mechanics	21-22, 22-23
KME403	Manufacturing Processes	21-22, 22-23
KNC401	Computer System Security	21-22, 22-23
KNC402	Python Programming	21-22, 22-23
KOE041	Engineering Mechanics	21-22, 22-23
KOE042	Material Science	21-22, 22-23
KOE043	Energy Science and Engineering	21-22, 22-23
KOE044	Sensors Instrumentation	21-22, 22-23
KOE045	Basic Data Structure Algorithms	21-22, 22-23
KOE046	Introduction to Soft Computing	21-22, 22-23
KOE047	Analog Electronics	21-22, 22-23
KOE048	Electronics Engineering	21-22, 22-23
KOE049	Digital Electronics	21-22, 22-23
KVE401	Universal Human Values	21-22, 22-23

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CODE	SUBJECT	SESSIONS AVAILABLE
BCAI051	Mathematical Foundation Ai Ml and Data Science	24-25, 25-26
BCAI052	Natural Language Processing	24-25
BCAI501	Artificial Intelligence	24-25, 25-26
BCAM051	Cloud Computing	24-25, 25-26
BCDS051	Business Intelligence and Analytics	24-25
BCDS501	Introduction to Data Analytics and Visualization	24-25, 25-26
BCE051	Concrete Technology	24-25
BCE052	Modern Construction Materials	24-25
BCE054	Engineering Geology	24-25
BCE501	Geotechnical Engineering	24-25
BCE502	Structural Analysis	24-25
BCE503	Quantity Estimation and Construction Management	24-25
BCIT052	Iot Architecture and Protocols	24-25
BCIT053	Computer Vision	24-25
BCIT054	Artificial Intelligence	24-25
BCIT055	Programming and Interfacing with Microcontrollers	24-25
BCIT056	Privacy and Security in Iot	24-25
BCS052	Data Analytics	24-25, 25-26
BCS053	Computer Graphics	24-25
BCS054	Object Oriented System Design with C++	24-25, 25-26
BCS055	Machine Learning Techniques	24-25, 25-26
BCS056	Application of Soft Computing	24-25, 25-26
BCS057	Image Processing	24-25, 25-26
BCS501	Database Management System	24-25, 25-26
BCS502	Web Technology	24-25, 25-26
BCS503	Design and Analysis of Algorithm	24-25, 25-26
BEC051	Iot – Architecture Communication Technology Its Applications	24-25
BEC052	Bio Medical Sensors Instrumentation	24-25
BEC053	Intelligent Systems and Robotics	24-25
BEC054	Vlsi Technology	24-25, 25-26
BEC055	Electronics Switching	24-25
BEC056	Bio Medical Signal Processing	24-25
BEC057	Optical Communication	24-25, 25-26
BEC058	Cmos Analog Vlsi Design	24-25
BEC501	Integrated Circuits	24-25, 25-26
BEC502	Microprocessor Microcontroller	24-25, 25-26
BEC503	Digital Signal Processing	24-25, 25-26

CODE	SUBJECT	SESSIONS AVAILABLE
BEE051	Robotics	24-25
BEE052	Sensors and Transducers	24-25
BEE053	Industrial Automation and Control	24-25
BEE056	Neural Networks Fuzzy System	24-25
BEE057	Digital Signal Processing	24-25
BEE058	Analog Digital Communication	24-25
BEE501	Power System I	24-25
BEE502	Control System	24-25
BEE503	Electrical Machines II	24-25
BME051	Advance Manufacturing Processes	24-25
BME052	I C Engines Fuels Lubrication	24-25, 25-26
BME054	Mechatronics Systems	24-25, 25-26
BME055	Turbo Machines	24-25
BME056	Mechanical Vibrations	24-25
BME501	Heat Mass Transfer	24-25, 25-26
BME502	Machine Design	24-25, 25-26
BME503	Industrial Engineering	24-25, 25-26
BNC501	Constitution of India	24-25, 25-26
BNC502	Essence of Indian Traditional Knowledge	24-25, 25-26
KAI051	Mathematical Foundation Ai Ml and Data Science	23-24
KAI052	Natural Language Processing	22-23, 23-24
KAI053	Intelligent Database System	23-24
KAI501	Artificial Intelligence	22-23, 23-24
KAU051	Automobile Engines Combustion	23-24
KAU052	Automotive Chassis and Suspension	23-24
KCE051	Concrete Technology	22-23, 23-24
KCE052	Modern Construction Materials	22-23, 23-24
KCE053	Open Channel Flow	22-23, 23-24
KCE054	Engineering Geology	22-23, 23-24
KCE055	Engineering Hydrology	22-23, 23-24
KCE056	Sensor and Instrumentation Technologies for Civil Engineering	22-23, 23-24
KCE057	Air and Noise Pollution Control	22-23, 23-24
KCE058	Gis and Advance Remote Sensing	22-23, 23-24
KCE501	Geotechnical Engineering	22-23, 23-24
KCE502	Structural Analysis	22-23, 23-24
KCE503	Quantity Estimation and Construction Management	22-23, 23-24
KCS051	Data Analytics	21-22, 22-23, 23-24
KCS052	Web Designing	22-23, 23-24

CODE	SUBJECT	SESSIONS AVAILABLE
KCS053	Computer Graphics	21-22, 22-23, 23-24
KCS054	Object Oriented System Design with C++	21-22, 22-23, 23-24
KCS055	Machine Learning Techniques	21-22, 22-23, 23-24
KCS056	Application of Soft Computing	21-22, 22-23, 23-24
KCS057	Augmented and Virtual Reality	22-23
KCS058	Human Computer Interface	22-23
KCS501	Database Management System	21-22, 22-23, 23-24
KCS502	Compiler Design	21-22, 22-23, 23-24
KCS503	Design and Analysis of Algorithm	21-22, 22-23, 23-24
KDS051	Business Intelligence and Analytic	22-23, 23-24
KDS052	Distributed System	23-24
KDS053	Stream Processing and Analytics	23-24
KDS501	Introduction to Data Analytics and Visualization	22-23, 23-24
KEC051	Computer Architecture and Organization	22-23, 23-24
KEC052	Industrial Electronics	22-23, 23-24
KEC053	Vlsi Technology	21-22, 22-23, 23-24
KEC054	Advance Digital Design Using Verilog	22-23, 23-24
KEC055	Electronics Switching	22-23, 23-24
KEC056	Advance Semiconductor Device	22-23, 23-24
KEC057	Electronic Instrumentation Measurements	22-23, 23-24
KEC058	Optical Communication	21-22, 22-23, 23-24
KEC501	Integrated Circuits	21-22, 22-23, 23-24
KEC502	Microprocessor Microcontroller	21-22, 22-23, 23-24
KEC503	Digital Signal Processing	21-22, 22-23, 23-24
KEE051	Robotics	23-24
KEE052	Sensors and Transducers	21-22, 23-24
KEE053	Industrial Automation and Control	23-24
KEE054	Electrical Standards and Engineering Practices	23-24
KEE055	Optimization Technique	22-23
KEE056	Neural Networks Fuzzy System	22-23
KEE057	Digital Signal Processing	22-23
KEE058	Analog and Digital Communication	22-23
KEE501	Power System I	21-22, 22-23, 23-24
KEE502	Control System	21-22, 22-23, 23-24
KEE503	Electrical Machine II	21-22, 22-23, 23-24
KIT051	Statistical Computing	20-21, 23-24
KIT052	Compiler Design	22-23, 23-24
KIT501	Web Technology	21-22, 22-23

CODE	SUBJECT	SESSIONS AVAILABLE
KME051	Computer Integrated Manufacturing	22-23, 23-24
KME052	Mechatronics Systems	22-23, 23-24
KME053	Finite Element Methods	22-23, 23-24
KME054	I C Engine Fuels Lubrication	21-22, 22-23, 23-24
KME055	Advance Welding	21-22, 22-23, 23-24
KME056	Programming Data Structures and Algorithms Using Python	22-23, 23-24
KME057	Mechanical Vibrations	22-23, 23-24
KME058	Fuels and Combustion	22-23, 23-24
KME501	Heat and Mass Transfer	21-22, 22-23, 23-24
KME502	Strength of Materials	21-22, 22-23, 23-24
KME503	Industrial Engineering	21-22, 22-23, 23-24
KML051	Cloud Computing	23-24
KNC501	Constitution of India Law and Engineering	21-22, 22-23, 23-24
KNC502	Indian Tradition Culture and Society	22-23, 23-24
KOT051	Sensors Actuators and Signal Processing	22-23
KOT052	Programming Interfacing with Microcontrollers	22-23, 23-24
KOT053	Wearable Computing Mixed Reality and Internet of Everything	23-24
KOT054	Privacy and Security in Iot	22-23, 23-24
KOT055	Embedded Systems and Real Time Operating System	23-24
KOT501	Introduction to Internet of Things	22-23, 23-24

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CODE	SUBJECT	SESSIONS AVAILABLE
BADS601	Data Analytics	24-25
BAU061	Automotive Electrical Electronics	24-25
BAU602	Electric Hybrid Vehicles Technology	24-25
BCAI061	Cyber Forensic Analytics	24-25
BCAM061	Social Media Analytics and Data Analysis	24-25
BCD061	Digital Marketing	24-25
BCDS061	Image Analytics	24-25
BCDS062	Machine Learning Techniques	24-25
BCDS601BI	G Data and Analytics	24-25
BCE061	Advance Structural Analysis	24-25
BCE062	River Engineering	24-25
BCE063	Repair and Rehabilitation of Structures	24-25
BCE601	Design of Concrete Structures	24-25
BCE602	Transportation Engineering	24-25
BCE603	Environmental Engineering	24-25

CODE	SUBJECT	SESSIONS AVAILABLE
BCIT061	Energy Harvesting Technologies and Power Management for Iot Devices	24-25
BCIT601	Data Science in Iot	24-25
BCS061	Big Data	24-25
BCS062	Augmented Virtual Reality	24-25
BCS063	Blockchain Architecture Design	24-25
BCS064	Data Compression	24-25
BCS601	Software Engineering	24-25
BCS602	Compilar Design	24-25
BCS603	Computer Networks	24-25
BEC061	Satellite Communication	24-25
BEC062	Data Communication Networks	24-25
BEC063	Cmos Digital Design Technique	24-25
BEC064	Microwave Engineering	24-25
BEC601	Digital Communication	24-25
BEC602	Control System	24-25
BEC603	Antenna and Wave Propagation	24-25
BEE061	Special Electrical Machines	24-25
BEE062	Electrical Machine Design	24-25
BEE063	Digital Control System	24-25
BEE064	Electrical and Hybrid Vehicles	24-25
BEE601	Power System II	24-25
BEE602	Microprocessor	24-25
BEE603	Power Electronics	24-25
BIT601	Data Analytics	24-25
BME061	Industrial Robotics	24-25
BME062	Computational Fluid Dynamics	24-25
BME063	Tribology	24-25
BME601	Refrigeration and Air Conditioning	24-25
BME602	Cad Cam	24-25
BME603	Theory of Machine	24-25
BNC601	Constitution of India	24-25
BNC602	Essence of Indian Traditional Knowledge	24-25
BOE060	Idea to Business Model	24-25
BOE061	Quality Control Reliability	24-25
BOE062	Embedded System	24-25
BOE063	Introduction to Mems	24-25
BOE064	Object Oriented Programming	24-25
BOE065	Computer Based Numerical Techniques	24-25

CODE	SUBJECT	SESSIONS AVAILABLE
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BOE067	Basics of Data Base Management System	24-25
BOE068	Software Project Management	24-25
BOE069	Understanding the Human Being Comprehensivelyhuman Aspirations and Its Fulfillment	24-25
KAI601	Machine Learning Techniques	22-23, 23-24
KAU061	Automotive Electrical and Electronics	21-22
KAU062	Vehicle Transport Management	21-22
KCE061	Advance Structural Analysis	21-22, 22-23, 23-24
KCE062	River Engineering	21-22, 22-23, 23-24
KCE063	Repair and Rehabilitation of Structures	21-22, 22-23, 23-24
KCE064	Foundation Design	22-23, 23-24
KCE601	Design of Concrete Structures	21-22, 22-23
KCE602	Transportation Engineering	21-22, 22-23, 23-24
KCE603	Environmental Engineering	21-22, 22-23
KCS061	Big Data	21-22, 22-23, 23-24
KCS062	Image Processing	21-22, 22-23
KCS063	Real Time System	21-22, 22-23
KCS064	Data Compression	21-22, 22-23, 23-24
KCS601	Software Engineering	21-22, 22-23, 23-24
KCS602	Web Technology	21-22, 22-23
KCS603	Computer Networks	21-22, 22-23, 23-24
KDS061	Image Analytics	22-23
KDS063	Software Engineering	22-23
KDS601	Big Data and Analytics	22-23, 23-24
KEC061	Microcontrollers Embedded System	21-22, 22-23
KEC062	Satellite Communication	21-22, 22-23
KEC063	Data Communication Networks	21-22, 22-23
KEC064	Analog Signal Processing	21-22, 22-23
KEC601	Digital Communication	21-22, 22-23, 23-24
KEC602	Control System	21-22, 22-23, 23-24
KEC603	Antenna and Wave Propagation	21-22, 22-23, 23-24
KECZ062	Microcontroller for Embedded System Design	21-22
KECZ602	Control System	21-22
KECZ603	Design and Analysis of Algorithm	21-22
KEE061	Special Electrical Machines	22-23
KEE063	Digital Control System	22-23
KEE064	Electric and Hybrid Vehicles	22-23

CODE	SUBJECT	SESSIONS AVAILABLE
KEE601	Power System II	22-23, 23-24
KEE602	Microprocessor and Microcontroller	23-24
KEE603	Power Electronics	22-23
KIT061	Blockchain Architecture Design	21-22, 22-23
KIT601	Data Analytics	21-22, 22-23
KME061	Nondestructive Testing	21-22, 23-24
KME062	Artificial Intelligence	21-22, 23-24
KME063	Tribology	21-22, 23-24
KME064	Gas Dynamics and Jet Propulsion	21-22, 23-24
KME601	Refrigeration and Air Conditioning	21-22, 22-23, 23-24
KME602	Machine Design	21-22, 22-23
KME603	Theory of Machine	21-22, 22-23, 23-24
KME604	Tool Design	21-22, 22-23, 23-24
KML061	Advanced Machine Learning	22-23
KNC601	Constitution of India Law Engineering	21-22, 22-23, 23-24
KNC602	Indian Tradition Culture Society	21-22, 22-23, 23-24
KOE060	Idea to Business Model	21-22, 23-24
KOE061	Real Time Systems	21-22, 22-23, 23-24
KOE062	Embedded System	21-22, 22-23, 23-24
KOE063	Introduction to Mems	21-22, 22-23, 23-24
KOE064	Object Oriented Programming	21-22, 22-23, 23-24
KOE065	Computer Based Numerical Techniques	21-22, 22-23, 23-24
KOE066	Gis Remote Sensing	21-22, 22-23, 23-24
KOE067	Basics of Data Base Management System	21-22, 22-23
KOE067H	Basics of Data Base Management System	23-24
KOE068	Software Project Management	21-22, 22-23, 23-24
KOE069	Understanding the Human Being Comprehensively Human Aspirations	21-22, 22-23, 23-24
KOT063	Artificial Intelligence	22-23
KOT601	Iot Architecture and Protocols	22-23, 23-24

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CODE	SUBJECT	SESSIONS AVAILABLE
BAI701	Deep Learning	25-26
BCIT701	Cryptography and Network Security	25-26
BCS070	Internet of Things	25-26
BCS071	Cloud Computing	25-26
BCS072	Cryptography and Network Security	25-26
BCS701	Artificial Intelligence	25-26

CODE	SUBJECT	SESSIONS AVAILABLE
BEC071	Wireless Mobile Communication	25-26
BEC701	Vlsi Design	25-26
BOE074	Renewable Energy Resources	25-26
BOE077	Design Thinking	25-26
KAI071	Optimization in Machine Learning	23-24
KAI073	Text Analytics and Natural Langugae Processing	23-24
KAI075	Data Warehousing and Data Mining	23-24
KAI076	Time Series Analysis and Forecasting	23-24
KAI077	Software Engineering	23-24
KAI079	Distributed Computing System	23-24
KAU072	Hybrid Vehicle Propulsion	21-22
KAU073	Vehicle Body Engineering Safety	22-23, 23-24
KAU074	Trouble Shooting Service Maintenance Repair	23-24
KCE070	Railway Waterway Snd Airway Engineering	22-23
KCE071	Sustainable Construction Methods	22-23
KCE073	Advanced Concrete Design	21-22, 22-23
KCE074	Soild Waste Management	22-23
KCE075	Design of Steel Structures	22-23
KCE076	Urban Transportation Planning	22-23
KCE077	Geosynthetics and Reinforced Soil Structure	22-23
KCE078	Irrigation and Water Resource Engineering	21-22, 22-23
KCE079	Disaster Preparedness and Management	22-23, 24-25
KCS071	Artificial Intelligence	22-23, 23-24, 24-25
KCS072	Natural Language Processing	22-23, 23-24, 24-25
KCS073	High Performance Computing	22-23, 23-24, 24-25
KCS074	Cryptography and Network Security	21-22, 22-23, 23-24, 24-25
KCS075	Design Development of Applications	22-23, 24-25
KCS076	Software Testing	22-23
KCS077	Distributed Systems	22-23
KCS078	Deep Learning	22-23, 24-25
KCS079	Service Oriented Architecture	22-23, 23-24, 24-25
KCS710	Quantum Computing	22-23, 23-24, 24-25
KCS711	Mobile Computing	22-23, 23-24, 24-25
KCS712	Internet of Things	22-23, 23-24, 24-25
KCS713	Cloud Computing	21-22, 22-23, 23-24, 24-25
KCS714	Blockchain Architecture Design	22-23, 23-24, 24-25
KDS071	Artificial Intelligence	24-25
KDS073	Text Analysis	24-25

CODE	SUBJECT	SESSIONS AVAILABLE
KDS078	Deep Learning	24-25
KDS079	Service Oriented Architecture	23-24, 24-25
KEC071	Digital Image Processing	22-23, 24-25
KEC072	Vlsi Design	21-22, 22-23, 24-25
KEC073	Optical Network	22-23, 24-25
KEC074	Microwave Radar Engineering	22-23, 24-25
KEC075	Information Theory Coding	22-23, 24-25
KEC076	Wireless Mobile Communication	21-22, 22-23, 24-25
KEC077	Micro Smart Systems	22-23, 24-25
KEC078	Speech Processing	22-23, 24-25
KEE070	Advanced Micro Processors Micro Controllers	22-23, 24-25
KEE071	Energy Conservation and Auditing	22-23, 24-25
KEE072	Hvdc Ac Transmission	22-23, 24-25
KEE073	High Voltage Engineering	22-23, 24-25
KEE074	Power Quality and Facts	22-23, 24-25
KEE075	Electric Drives	22-23, 24-25
KEE076	Power System Dynamics and Control	22-23, 24-25
KEE077	Power System Protection	22-23, 24-25
KEE078	Deregulated Power System	22-23, 24-25
KEE079	Utilization of Electrical Energy Electric Traction	22-23, 24-25
KHU701	Rural Development Administration Planning	21-22, 22-23, 23-24, 24-25
KHU702	Project Management Entrepreneurship	22-23, 23-24, 24-25
KIT071	Software Project Management	22-23, 23-24, 24-25
KME071	Additive Manufacturing	22-23, 24-25
KME072	Hvac Systems	22-23, 24-25
KME073	Mathematical Modeling of Manufacturing Processes	22-23, 23-24, 24-25
KME074	Machine Learning	22-23, 23-24, 24-25
KME075	Maintenance Engineering Management	23-24, 24-25
KME076	Power Plant Engineering	21-22, 22-23, 23-24, 24-25
KOE071	Filter Design	22-23, 23-24, 24-25
KOE072	Bioeconomics	22-23, 23-24, 24-25
KOE073	Machine Learning	22-23, 23-24, 24-25
KOE074	Renewable Energy Resources	21-22, 22-23, 23-24, 24-25
KOE075	Operations Research	21-22, 22-23, 23-24, 24-25
KOE076	Vision for Humane Society	22-23, 23-24, 24-25
KOE077	Design Thinking	22-23, 23-24, 24-25
KOE078	Soil Water Conservation Engineering	22-23, 23-24, 24-25
KOE079	Introduction to Womens Gender Studies	22-23, 23-24, 24-25

CODE	SUBJECT	SESSIONS AVAILABLE
KOT071	Iot Security	23-24, 24-25
KOT075	Real Time Operating Systems	23-24, 24-25
KOT076	Deep Learning	24-25
KOT077	Data Analytics Fot Iot	23-24
KOT078	Architecting Smart Iot Devices	23-24
KOT710	Iot System Architecture	23-24, 24-25
KOT711	Opearting System for Iot	23-24
KOT712	Mobile Application Development for Iot	23-24, 24-25

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CODE	SUBJECT	SESSIONS AVAILABLE
KHU801	Rural Development Administration and Planning	21-22, 22-23, 23-24, 24-25
KHU802	Project Management Entrepreneurship	21-22, 22-23, 23-24, 24-25
KOE080	Fundamentals of Drone Technology	22-23, 23-24, 24-25
KOE081	Cloud Computing	21-22, 22-23, 23-24, 24-25
KOE082	Bio Medical Signal Processing	21-22, 22-23, 23-24, 24-25
KOE083	Entrepreneurship Development	21-22, 22-23, 23-24, 24-25
KOE084	Introduction to Smart Grid	21-22, 22-23, 23-24, 24-25
KOE085	Quality Management	21-22, 22-23, 23-24, 24-25
KOE086	Industrial Optimization Techniques	21-22, 22-23, 23-24, 24-25
KOE087	Virology	21-22, 22-23, 23-24, 24-25
KOE088	Natural Language Processing	21-22, 22-23, 23-24, 24-25
KOE089	Human Values in Madhyasth Darshan	21-22, 22-23, 23-24, 24-25
KOE090	Electric Vehicles	21-22, 22-23, 23-24, 24-25
KOE091	Automation and Robotics	21-22, 22-23, 23-24, 24-25
KOE092	Computerized Process Control	21-22, 22-23, 23-24, 24-25
KOE093	Data Warehousing Data Mining	21-22, 22-23, 23-24, 24-25
KOE094	Digital and Social Media Marketing	21-22, 22-23, 23-24, 24-25
KOE095	Modeling of Field Effect Nano Devices	21-22, 22-23, 23-24, 24-25
KOE096	Modelling and Simulation of Dynamic Systems	22-23, 23-24, 24-25
KOE097	Big Data	21-22, 22-23, 23-24, 24-25
KOE098	Human Values in Buddha and Jain Darshan	21-22, 22-23, 23-24, 24-25
KOE099	Human Values in Vedic Darshan	21-22, 22-23, 23-24, 24-25

B.Pharm — Bachelor of Pharmacy

52 codes

Semester 1 6

CODE	SUBJECT	SESSIONS AVAILABLE
BP101T	Human Anatomy and Physiology I	22-23, 23-24, 24-25, 25-26
BP102T	Pharmaceutical Analysis I	22-23, 23-24, 24-25, 25-26
BP103T	Pharmaceutics I	22-23, 23-24, 24-25, 25-26
BP104T	Pharmaceutical Inorganic Chemistry	22-23, 23-24, 24-25, 25-26
BP105T	Communication Skills	22-23, 23-24
BP106	Remedial Biology/Mathematics	22-23, 23-24

Semester 2 6

CODE	SUBJECT	SESSIONS AVAILABLE
BP201T	Human Anatomy and Physiology II	21-22, 22-23, 23-24, 24-25
BP202T	Pharmaceutical Organic Chemistry I	21-22, 22-23, 23-24, 24-25
BP203T	Biochemistry	21-22, 22-23, 23-24, 24-25
BP204T	Pathophysiology	21-22, 22-23, 23-24, 24-25
BP205T	Computer Applications in Pharmacy	22-23, 23-24
BP206T	Environmental Sciences	22-23, 23-24

Semester 3 6

CODE	SUBJECT	SESSIONS AVAILABLE
BP301T	Pharmaceutical Organic Chemistry II	21-22, 22-23, 23-24, 24-25, 25-26
BP302T	Physical Pharmaceutics I	21-22, 22-23, 23-24, 24-25, 25-26
BP303T	Pharmaceutical Microbiology	21-22, 22-23, 23-24, 24-25, 25-26
BP304T	Pharmaceutical Engineering	21-22, 22-23, 23-24, 24-25, 25-26
KVE301	Universal Human Values	22-23, 23-24, 25-26
KVE401	Universal Human Values	22-23, 23-24

Semester 4 6

CODE	SUBJECT	SESSIONS AVAILABLE
BP401T	Pharmaceutical Organic Chmeistry III	22-23, 23-24, 24-25
BP402T	Medicinal Chemistry I	21-22, 22-23, 23-24, 24-25
BP403	Physical Pharmaceutics II	23-24
BP403T	Physical Pharmaceutics II	22-23, 23-24, 24-25
BP404T	Pharmacology I	21-22, 22-23, 23-24, 24-25
BP405T	Pharmacognosy I	22-23, 23-24

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CODE	SUBJECT	SESSIONS AVAILABLE
BP501T	Medicinal Chemistry II	21-22, 22-23, 23-24, 24-25, 25-26
BP502T	Industrial Pharmacy I	21-22, 22-23, 23-24, 24-25, 25-26
BP503T	Pharmacology II	21-22, 22-23, 23-24, 24-25, 25-26
BP504T	Pharmacognosy II	21-22, 22-23, 23-24, 24-25, 25-26
BP505T	Pharmaceutical Jurisprudence	21-22, 22-23, 23-24, 24-25, 25-26

Semester 6 6

CODE	SUBJECT	SESSIONS AVAILABLE
BP601T	Medicinal Chemistry III	22-23, 23-24, 24-25
BP602T	Pharmacology III	22-23, 23-24, 24-25
BP603T	Herbal Drug Technology	22-23, 23-24, 24-25
BP604T	Biopharmaceutics and Pharmacokinetics	22-23, 23-24, 24-25
BP605T	Pharmaceutical Biotechnology	21-22, 22-23, 23-24, 24-25
BP606T	Quality Assurance	22-23, 23-24, 24-25

Semester 7 4

CODE	SUBJECT	SESSIONS AVAILABLE
BP701T	Instrumental Methods of Analysis	22-23, 23-24, 24-25, 25-26
BP702T	Industrial Pharmacy II	21-22, 22-23, 23-24, 24-25, 25-26
BP703T	Pharmacy Practice	21-22, 22-23, 23-24, 24-25, 25-26
BP704T	Novel Drug Delivery System	21-22, 22-23, 23-24, 24-25, 25-26

Semester 8 13

CODE	SUBJECT	SESSIONS AVAILABLE
BP801T	Biostatistics and Research Methodology	21-22, 22-23, 23-24, 24-25
BP802T	Social and Preventive Pharmacy	21-22, 22-23, 23-24, 24-25
BP803ET	Pharma Marketing Management	21-22, 22-23, 23-24, 24-25
BP804ET	Pharmaceutical Regulatory Science	21-22, 22-23, 23-24
BP805ET	Pharmacovigilance	21-22, 22-23, 23-24
BP806ET	Quality Control and Standardization of Herbal	21-22, 22-23, 23-24
BP807ET	Computer Aided Drug Design	22-23, 23-24, 24-25
BP808ET	Cell and Molecular Biology	22-23, 23-24, 24-25
BP809ET	Cosmetic Science	22-23, 23-24
BP810ET	Experimental Pharmacology	22-23, 23-24, 24-25
BP811ET	Advanced Instrumentation Techniques	21-22, 22-23, 23-24
BP812ET	Dietary Supplements and Nutraceuticals	22-23, 23-24, 24-25
BP813ET	Pharmaceutical Product Development	22-23, 23-24, 24-25

MCA — Master of Computer Applications

60 codes

Semester 1 12

CODE	SUBJECT	SESSIONS AVAILABLE
BMC101	Fundamental of Computers Emerging Technologies	24-25, 25-26
BMC102	Problem Solving Using C	24-25, 25-26
BMC103	Principles of Management Communication	24-25, 25-26
BMC104	Discrete Mathematics	24-25, 25-26
BMC105	Computer Organization Architecture	24-25, 25-26
BMC106	Cyber Security	25-26
CA104	Discrete Mathematics K	21-22
KCA101	Fundamental of Computers Emerging Technologies	21-22, 22-23, 23-24, 24-25
KCA102	Problem Solving Using C	21-22, 22-23, 23-24, 24-25
KCA103	Principles of Management Communication	21-22, 22-23, 23-24, 24-25
KCA104	Discrete Mathematics	22-23, 23-24, 24-25
KCA105	Computer Organization Architecture	21-22, 22-23, 23-24, 24-25

Semester 2 11

CODE	SUBJECT	SESSIONS AVAILABLE
BMC201	Web Technology	24-25
BMC202	Object Oriented Programming	24-25
BMC203	Operating Systems	24-25
BMC204	Database Management Systems	24-25
BMC205	Data Structures Analysis of Algorithms	24-25
KCA201	Theory of Automata Formal Languages	21-22, 22-23, 23-24, 24-25
KCA202	Object Oriented Programming	21-22, 22-23, 23-24, 24-25
KCA203	Operating Systems	21-22, 22-23, 23-24, 24-25
KCA204	Database Management Systems	21-22, 22-23, 23-24, 24-25
KCA205	Data Structures Analysis of Algorithms	21-22, 22-23, 23-24, 24-25
KCAA01	Cyber Security	21-22, 22-23, 23-24

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CODE	SUBJECT	SESSIONS AVAILABLE
BMC011	Cryptography and Network Security	25-26
BMC012	Data Wirehousing and Date Mining	25-26
BMC014	Cloud Computing	25-26
BMC021	Artificial Intellingence	25-26
BMC301	Python Programming	25-26
BMC302	Software Engineering	25-26

CODE	SUBJECT	SESSIONS AVAILABLE
BMC303	Computer Network	25-26
BMC304	Elementary Mathematics Bridge Course	25-26
KCA011	Cryptography Network Security	21-22, 22-23, 23-24, 24-25
KCA012	Data Warehousing Data Mining	21-22, 22-23, 23-24, 24-25
KCA013	Software Project Management	21-22, 22-23, 23-24, 24-25
KCA014	Cloud Computing	21-22, 22-23, 23-24, 24-25
KCA015	Compiler Design	21-22, 22-23, 23-24, 24-25
KCA021	Web Technology	21-22, 22-23, 23-24, 24-25
KCA022	Big Data	21-22, 22-23, 23-24, 24-25
KCA023	Simulation Modeling	21-22, 22-23, 23-24, 24-25
KCA024	Software Testing Quality Assurance	21-22, 22-23, 23-24, 24-25
KCA025	Digital Image Processing	23-24, 24-25
KCA301	Artificial Intelligence	21-22, 22-23, 23-24, 24-25
KCA302	Software Engineering	21-22, 22-23, 23-24, 24-25
KCA303	Computer Network	21-22, 22-23, 23-24, 24-25

Semester 4 16

CODE	SUBJECT	SESSIONS AVAILABLE
KCA031	Privacy Security in Online Social Media	21-22, 24-25
KCA032	Soft Computing	21-22, 24-25
KCA033	Pattern Recognition	21-22, 24-25
KCA034	Data Analytics	21-22, 24-25
KCA035	Software Quality Engineering	21-22, 23-24, 24-25
KCA041	Blockchain Architecture	21-22, 22-23, 24-25
KCA042	Neural Network	21-22, 22-23, 24-25
KCA043	Internet of Things	21-22, 22-23, 24-25
KCA044	Modern Application Development	21-22, 22-23, 24-25
KCA045	Distributed Database Systems	21-22, 22-23, 24-25
KCA051	Mobile Computing	21-22, 23-24, 24-25
KCA052	Computer Graphics and Animation	21-22, 24-25
KCA053	Natural Language Processing	21-22, 24-25
KCA054	Machine Learning	21-22, 24-25
KCA055	Quantum Computing	24-25
KCS043	Internet of Things	23-24

BCA — Bachelor of Computer Applications

23 codes

Semester 1 7

CODE	SUBJECT	SESSIONS AVAILABLE
BBC101	Fundamentals of Computer	24-25, 25-26
BBC102	Mathematical Foundation	24-25, 25-26
BBC103	Problem Solving Using C	24-25, 25-26
BBC104	Communication Skills	24-25, 25-26
BBC105	Environment and Ecology	24-25, 25-26
BBC106	Information Systems	25-26
BBC107	Elementary Mathematics Bridge Course	25-26

Semester 2 6

CODE	SUBJECT	SESSIONS AVAILABLE
BBC201	Digital Electronics	24-25, 25-26
BBC202	Discrete Mathematics	24-25, 25-26
BBC203	Data Structure	24-25, 25-26
BBC204	Professional Communication	24-25, 25-26
BBC205	Information Systems	24-25
BBC205A	Mathematical Foundation	25-26

Semester 3 5

CODE	SUBJECT	SESSIONS AVAILABLE
BBC301	Object Oriented Programming in C	25-26
BBC302	Web Technology	25-26
BBC303	Business Communication	25-26
BBC304	Computer Organization	25-26
BVE301	Universal Human Values and Professional Ethics	25-26

Semester 4 5

CODE	SUBJECT	SESSIONS AVAILABLE
BBC401	Java Programming	25-26
BBC402	DBMS	25-26
BBC403	Operating Systems	25-26
BBC404	Technical Communication	25-26
BBC405	Indian Tradition, Culture and Society	25-26

BBA — Bachelor of Business Administration

28 codes

Semester 1 7

CODE	SUBJECT	SESSIONS AVAILABLE
BBA101	Principles of Management	22-23, 23-24, 24-25, 25-26
BBA102	Business Mathematics	22-23, 23-24, 24-25, 25-26
BBA103	Financial Accounting	22-23, 23-24, 24-25, 25-26
BBA104	Business Communication	22-23, 23-24, 24-25, 25-26
BBA105	Business English	22-23, 23-24, 24-25, 25-26
BBA106	It Application – I	22-23, 23-24, 24-25, 25-26
BBA107	Environmental Science	22-23, 23-24, 24-25, 25-26

Semester 2 7

CODE	SUBJECT	SESSIONS AVAILABLE
BBA201	Organizational Behavior	22-23, 23-24, 24-25
BBA202	Principals of Economics	22-23, 23-24, 24-25
BBA203	Management Accounting	22-23, 23-24, 24-25
BBA204	Soft Skills - I	22-23, 23-24, 24-25
BBA205	Basics of Statistics	22-23, 23-24, 24-25
BBA206	IT Application - II	22-23, 23-24, 24-25
BBA207	Indian Constitution	22-23, 23-24

Semester 3 7

CODE	SUBJECT	SESSIONS AVAILABLE
BBA301	Human Resource Management	22-23, 23-24, 25-26
BBA302	Financial Management	22-23, 23-24, 25-26
BBA303	Marketing Management - I	22-23, 23-24, 25-26
BBA304	Quantitative Techniques	22-23, 23-24, 25-26
BBA305	Soft Skills - 2	22-23, 23-24, 25-26
BBA306	Customer Relationship Management	22-23, 23-24, 25-26
BBA307	Holistic Health & Happiness	22-23, 23-24, 25-26

Semester 4 7

CODE	SUBJECT	SESSIONS AVAILABLE
BBA401	Business Law	22-23, 23-24
BBA402	Production and Operation Management	22-23, 23-24
BBA403	Business Environment	22-23, 23-24
BBA404	Design Thinking & Innovation	22-23, 23-24
BBA405	Business Organisation	22-23, 23-24

CODE	SUBJECT	SESSIONS AVAILABLE
BBA406	Marketing Management - II	22-23, 23-24
BBA407	Human Value	22-23, 23-24